METHOD AND SYSTEM FOR SEAT PLACEMENT

ABSTRACT OF THE DISCLOSURE

A method for generating three-dimension models and extracting data therefrom are provided. According to an exemplary embodiment of the present invention, a layout for

5   interior configuration is received and critical dimensions are extracted from the interior configuration for the placement of seats. Seat dimensions for each of the several seat part numbers augment the extracted critical dimensions from the interior configurations. Assignment of part numbers to an appropriate location within the configuration enables generation of a three-dimensional solid model for testing in accord with known rules defining

10   interference. Additionally, a seat installation drawing for direction to seat installers is generated, cable lengths for wiring runs are calculated, and a load analysis for the seat configuration is generated demonstrating FAR compliance.

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